

■ BACK PAGE

New toy museum opened in Nuremberg, city of toy-making

CHRISTIAN WELT

An impressive house overlooking the central market in Nuremberg contains the new toy museum which has just been opened to the public.

Near the Schöner Brunnen Hermann Glaser, the Nuremberg town council's adviser on schools and education and a passionate devotee of the toy museum, hands out printed leaflets about the museum.

Printed on the leaflets in uneven, child-like writing and in Franconian dialect it says: "The toy museum, that's something we must go to and have a look at."

And the children who come to the central market in Nuremberg are happy that the new museum especially for them has now been opened.

Dieter Salbert an avantgarde composer and dedicated teacher has a battery of musical instruments and noise-making equipment in front of him. These include a xylophone, tom-toms, timpani, trumpets, hammers, ice-buckets, pots and pails, and wind instruments of brass and plastic.

His efforts to keep the young orchestra to the right beat and tempo are a failure. The children rush up, hesitate at first in

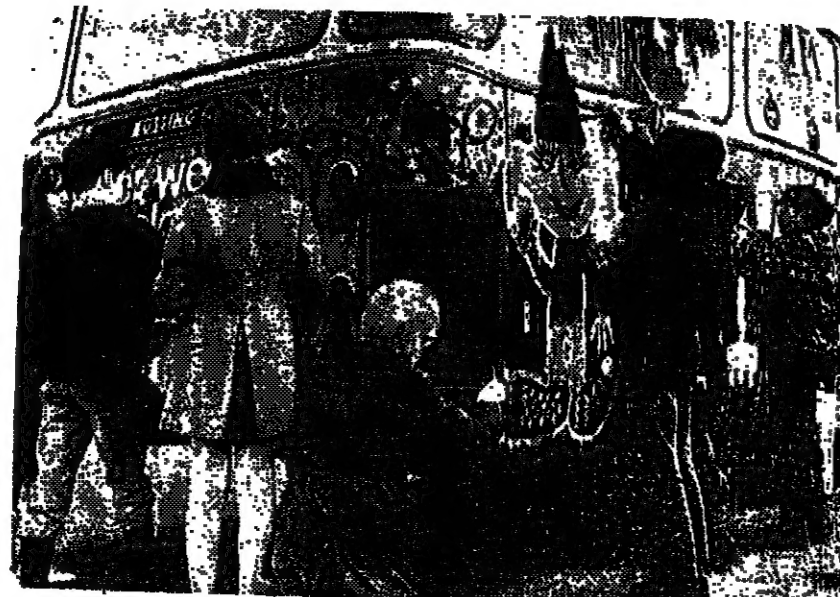
amazement and then one begins to hammer out a beat on the drums, another blows a trumpet, a third shows Dieter Salbert how a musical instrument works and finally from the orchestra there comes a deafening and discordant din brought about by the children's urge to play.

A thousand toy balloons with entrance tickets tied to them are set free. Sausages, drafted in from Kassel, where *documenta* is held, are sold. Dragons with several heads snake their way through the crowds. Young boxers wearing massive foam-rubber gloves spar with each other, a sideshow which involves aiming rubber balls through a hole in a cardboard wall, and fights with cardboard cartons are taking place in front of the town hall. Streamers are thrown and in the midst of the market place a relatively new car is being painted with brightly coloured paint boxes while its owner stands by and smiles saying: "They are only water colours."

Members of the public who voiced their discontent at this children's happening in Nuremberg were recorded eagerly on tape by the supporters of anti-authoritarian education as a living example of social behaviour.

The things that the children did off their own bat were discussed by the KEKS groups which made headlines at the XXXV Biennale 1970 in Venice.

They confirmed that organised play on



Children showing off their artistic talents, painting a bus in Nuremberg (Photo: Erich Guttenberg)

the occasion of the opening of this museum met with some opposition, and they made the remark that a toy museum should not just exhibit toys with a historical interest but should also take account of modern toys and more far-reaching subjects such as the role of the child in society and the role toys play in a child's development.

This is something that the new toy museum in Nuremberg cannot do because there is insufficient space. The space available in this Renaissance building is sufficient for a glance at the history of toys in Germany and other countries. An extension of the premises is planned for later.

This glance has been such a success that it is not only children who are thrilled at the work carried out by the director of the museum, Lydia Bayer.

(CHRISTIAN WELT, 12 February 1971)

The German Tribune

A WEEKLY REVIEW OF THE GERMAN PRESS

C 20725 C

Hamburg, 18 March 1971
Tenth Year - No. 466 - By air

Ulbricht continues to fear all forms of relaxation

Demarcation is the order of the day in East Berlin, demarcation from the other Germans who by belonging to the Federal Republic can at best qualify as a fountain. At least there will be a fountain. At the moment on the site of the fountain neither a sculpture on the fountain people.

Paradoxically enough, the more the of the museum which passed without Federal government in Bonn has committed itself to a policy of an opening towards the East, the more unconditionally it endeavours to progress from confrontation to cooperation, the more agitated, indeed absurd, the GDR's fear of rapprochement appears.

"We draw a decided line between ourselves and this regime, with which," says GDR Defense Minister Heinz Hoffmann, "there is no special intra-German relationship. There can only be one relationship between us: that of class enmity."

It is no secret to say that walls not only of stone have separated the two countries for some time. Ideological demarcation against all temptations of free exchange functions perfectly in the GDR in any case.

It has now been joined by the accentuation of what is made out to be a scientific law according to which the process of increased demarcation progresses.

Never before has this theory been taken to such excess - even though notes from the GDR government are no longer returned unread, the East Berlin State Secretary being received at Bonn airport with all the courtesies instead.

The goodwill shown by the Federal government mainly in abandoning Bonn's claim to the sole right to represent the

Nowadays the political spectrum in the Federal Republic includes both extreme right-wing and extreme left-wing parties, the Communists (DKP) for instance.

Now that there is no longer any resort to repressive procedures, for want of a better term, there can be no avoiding political differences and when the need arises political lines must be drawn.

MEDICINE

Twins' lives threatened by germs and bacteria

SPORT

Thomas Zacharias - high jumper with dash and style

German people and in de facto recognition of the existence of two German states is countered by East Berlin by increased emphasis on demarcation.

This is all taking place against the background of the treaties with Moscow and Warsaw which were intended according to the other side too to create an atmosphere of reconciliation and cooperation.

At the beginning of December, just before the unrest in Poland, the Warsaw

Pact countries, meeting in East Berlin, confirmed that relations between the countries of Europe have of late increasingly tended towards good neighbourliness and cooperation.

The demarcation gymnastics of the SED, coupled with frequent red light manoeuvres, represent a strange contrast programme to the Warsaw Pact communiqué. How great the domestic insecurity of a socialist system must be that responds so allergically to attempts to bring about rapprochements and to liquidate the vestiges of the Cold War.

East Berlin has an argument at the ready to explain its emphasis on demarcation in the middle of a phase of rapprochement between East and West. Demarcation is taking place in this country too, it is claimed - in the Social Democratic Party (SPD).

Of late even Moscow, though in terms of moderation, has joined in the campaign against Social Democracy and what is called the amplification of anti-Communist noises. As in so many instances it is well worth while harking back to developments in the early post-war years.

In the aftermath of the deeds of Hitler and Stalin the men who drafted this country's Basic Law incorporated in it safeguards against abuse of basic rights to the detriment of freedom.

Fortunately no serious attempt has ever been made to wield such a dangerous weapon as Article 18 of Basic Law (Forfeiture of Basic Rights).

As confidence in the forces of public political debate has grown the practice of having the Supreme Court rule on the constitutionality of extremist political parties has also been abandoned.

Nowadays the political spectrum in the Federal Republic includes both extreme right-wing and extreme left-wing parties, the Communists (DKP) for instance.

Now that there is no longer any resort to repressive procedures, for want of a better term, there can be no avoiding political differences and when the need arises political lines must be drawn.

Nixon and North Vietnam threat

Forward defence in the form of an invasion of North Vietnam as a way out of the dilemma of Laos has again been suggested by President Thieu of South Vietnam.

It was clear in the circumstances that President Nixon would make some comment in his recent TV press conference. Thieu, he said, had neither suggested an invasion nor requested air support, but he did have the right to consider the possibility.

Mr Nixon did not preclude the possibility of air support. It would, he said, be directed against missile pads and be extended to other military complexes if North Vietnam were to interfere with the US withdrawal programme.

These are Sybilline pronouncements



Meeting in East Berlin

State Secretary Egon Bahr (left) being greeted by a member of the German Democratic Republic delegation when he arrived in East Berlin for the eighth meeting with the GDR delegate, Michael Kohl. Herr Bahr told pressmen after the meeting that there had been no new development in the dialogue between the Federal Republic and the GDR government.

(Photo: dpa)

Erhard Eppler, Minister for Development Aid, has stated for his party that Social Democracy does not end "where young people are on our heels asking us what we are aiming at", nor does it end where young people rediscover Karl Marx.

It does not even end where one person or the other indulges in verbal confusion. The limits of Social Democracy to the left are where an ideological dogma is to be put into practice at all costs to the party.

In a country in which a single party with a single ideology has a monopoly of power discussions of this kind are, of course, superfluous. There is no other side.

The powers that be are all the more suspicious of any element of information and debate introduced in the way of free exchange. They are afraid that it will weaken their system.

They feel a growing need not only to have their frontiers and the status quo but also something far more difficult to

define guaranteed. They want a guarantee of some kind for their political and social status.

The Communist and Western countries are in a different position on this point. Soviet proposals for a security conference Moscow would so like to see held bear witness to a major worry within the Eastern Bloc.

Until the intervention in Czechoslovakia the demand for dissolution of military blocs played a major part in the debate. Since then there has no longer been a mention of liquidation of alliances.

The reason for this reserve does not lie only in a growing awareness of realities. It is mainly because, for reasons of bloc discipline, particularly after the Polish unrest, that the Soviet Union is not prepared to forgo the Warsaw Pact. It does not even approve of discussion of the idea.

In the GDR, on the other hand, evolution is feared. The powers that be are arch-conservatives as far as the inviolability of their own social status quo is concerned while remaining fairly ruthless as regards revolution in neighbouring countries where the class enemy is in power.

This lack of parallels represents a serious problem in respect of a return to normal of any substance. The West can forgo intervention of any kind but they can hardly give any guarantee against evolution.

It knows that freedom can not be stabilised merely by safeguards for existing frontiers and realities. Change in the sense of greater openness and an increasing exchange of information must be added if enmity, prejudice and aggressiveness are gradually to be reduced.

What must still be done before the GDR feels able to afford to substitute a little more courage, coexistence and competition for its present demarcation exercises?

Hans Schuster

(Handelsblatt, 8 March 1971)

(Süddeutsche Zeitung, 6 March 1971)

Frankfurter Allgemeine

ZEITUNG FÜR DEUTSCHLAND

One of the world's top ten

"Zeitung für Deutschland" ("Newspaper for Germany") is a designation that reflects both the Frankfurter Allgemeine's underlying purpose and, more literally, its circulation - which covers West Berlin and the whole of the Federal Republic. In addition to 140 editors and correspondents of its own, the paper has 450 "stringers" reporting from all over Germany and around the world. 300,000 copies are printed daily, of which 220,000 go to subscribers, 20,000 are distributed

abroad, and the balance is sold on newsstands. Every issue is read by at least four or five persons. Frankfurter Allgemeine Zeitung is the paper of the businessman and the politician; and indeed of everyone who matters in the Federal Republic.

For anyone wishing to penetrate the German market, the Frankfurter Allgemeine is a must. In a country of many famous newspapers its authority, scope, and influence can be matched only at an international level.

Frankfurter Allgemeine

ZEITUNG FÜR DEUTSCHLAND

Member of T.E.A.M. (Top European Advertising Media)

U.S.A.

Advertising representatives:
I.N.T.A. International
and Trade Advertising
1560 Broadway, New York
N.Y. 10036, Tel. 212/591-3735

For Subscriptions:
German Language Publications, Inc.
75 Varick Street
New York, N.Y. 10013
Tel. 212/966-0175

Great Britain

U.K. Advertisement Office:
Room 300 C - Bracken House
10 Cannon Street
London, E.C. 4
Tel. 01-236 3716

For Financial Advertising:
Throgmorton Publications Limited
30 Finsbury Square
London, E.C. 2
Tel. 01-628 4050

For Subscriptions:
Seymour Press
Brixton Road 334
London, S.W. 9
Tel. Red Post 4444

■ FOREIGN AFFAIRS

Europe must pay the price for an American troop presence

Nato is loved and cherished by people in the Federal Republic. In 1969 a survey was carried out in which those taking part were given ten statements about Nato and asked which they thought were most appropriate.

Fifty-one per cent plumped for: "Nato has brought the countries of the western world closer together." Forty per cent chose a statement to the effect that the West owes a debt of gratitude to Nato for ensuring peace since the Second World War.

And thirty-two per cent backed the statement: "Without Nato we would have been overrun by the Communists long ago and incorporated into the East Bloc."

With these views of the effect of Nato a majority is in favour of a continuance of the alliance. Even the objections to an American presence are less forceful in the Federal Republic than elsewhere.

But since the mid-sixties American politicians have been calling for a cutback in their troop commitments in Europe and especially in the Federal Republic. The Democratic senate majority leader, Senator Mike Mansfield, for instance considers that the burden of responsibility for the defence of western Europe falls too heavily on US shoulders, while European defence initiatives are inadequate and not up to the level that could be provided by the countries in question. His criticism is sparked off by the drain on American revenue and foreign exchange.

As a matter of fact the balance of payments problem is at present so much in the foreground that the political and military facts are tending to get neglected.

It is correct that Bonn gains on currency exchange from the stationing of foreign troops on Federal Republic soil. Balancing up this deficit is the point of negotiations, not the payment of costs for the stationing of troops here, nor are they anything to do with payments to

occupying forces, which are only paid for the troops stationed in Berlin.

The agreement covering the period 1 July 1969 to 30 June 1970 provided for a payment of 3.04 thousand million Marks annually, covering eighty per cent of the foreign exchange losses as estimated by Washington. This was not entirely to the satisfaction of the Americans, since some senators only consider the purchasing of armaments as genuine balancing of foreign exchange deficits, and not the acquisition of American treasury bonds by Bonn.

But lately the word has gone around that substantial troop withdrawals from this country would not bring any great material gain to the Americans. Withdrawal of 100,000 American soldiers would only bring an actual saving of one to 1.5 milliard dollars, corresponding to only one per cent of the American defence budget and as far as the financial problems of the United States are concerned it would be just a drop in the ocean.

If the Americans did withdraw in force it would be cold comfort to us in Europe to know that they are gaining very little from the move.

With the doctrine of the balance of power in mind the military balance in the West would be disturbed without a comparable troop withdrawal in the East.

The credibility of the strategy of "flexible response" must, to put it mildly, be tried and tested. The nuclear threshold would be lowered again and the mothballed "big-lift strategy" would be given an airing.

If Bonn and the other partner countries in western Europe want to prevent such a development they must pay the price for a military presence. Otherwise the grim prediction that was doing the rounds in 1968 that the military alliance of the capitalist countries threatened to founder on the very essence of capitalism, namely money, would be revived.

President Nixon is in a treadmill and it is certainly not only because of a love for Europe but also from his own strategic and political interests that he took an important step towards a compromise with Europe on 4 October last year, when he stated in Dublin that the United States would in no circumstances cut its commitments to Nato unilaterally.

This "generous" promise was made easier for him by the meeting in Brussels of European Ministers and officials on 1 October at which the Defence Ministers of European Community countries decided to raise funds communally totalling about 1.8 milliard Marks in order to bolster up and expand the infrastructure of Nato and remove this burden from America.

Bonn considered that it would profit from this programme in the sense that it took the foreign exchange problem from the Federal Republic-American plane and made it a matter for the alliance.

The snag to this plan was that a number of Nato countries would not agree to it, particularly Great Britain. Even the London Times attacked Defence Minister Lord Carrington for taking pride in the fact that he had assigned additional naval vessels and aircraft to Nato but had rejected the Federal Republic suggestion of a contribution from Britain to the infrastructure of the alliance.

In this bungled situation help came from Bonn. The money coming from the most recent agreement on foreign exchange between London and the Federal Republic (at least 100 million Marks per year up till 1976) will mean that it will still be possible for Britain to make a contribution to the European Group's programme.

Although this under-the-counter business cannot be taken as a "crude analogy" to the foreign exchange negotiations that are to be held with the United States, as Bonn government spokesman Conrad Ahlers stressed, this assistance should in all have some influence on the negotiations with under Secretary of State Samuelson beginning in Bonn on 10 March.

As a model pupil, if not the rescuer of the alliance, Bonn has a right to expect careful treatment from Washington. No specific figures have yet been mentioned. These could undermine negotiating positions.

Christian Potyka

(Süddeutsche Zeitung, 3 March 1971)

Rearmament and security conference - non-contradictory terms in Russia

were to assume that the willingness of the Soviet Union to enter negotiations, in itself to be welcomed, were tantamount to an alteration of basic Soviet aims.

In a similar manner the government statement on foreign policy made by the President of the United States attacks Soviet aims.

President Nixon bases his calculations on recognition of the fact that the United States no longer has superiority in the nuclear weapons stakes and poses the question what the intentions of Moscow are with its programme of rearmament.

He describes the development of American-Soviet relations as "mixed" and speaks of "intransigence" as "the main feature of the Soviet system".

With such cautionary feelings Richard Nixon is formulating the conditions for that European security conference which the Kremlin is pressing for ever more forcibly as the last ministerial conference of East Bloc nations and the visit of the Finnish President, Urho Kekkonen, to Moscow showed. The Finnish government has already officially agreed that the conference can be held in Helsinki.

Rearmament and security conference are not, however, in Russian eyes contradictory ideas. Both pursue the same aim, namely to diminish American influence in Europe and render Nato ineffective.

While President Nixon considers the relations between the United States and Western Europe as a "cornerstone" of peace in Europe, the Brezhnev Doctrine takes a different line.

This states that the "fight against the intervention of all outside forces whose aims and interests are foreign to the people of Europe", that is to say keeping American influence out, is the prerequisite for European security.

Statements such as this clearly show the different lines taken by American and Russian diplomats towards free Europe.

It is, therefore, only too clear why Richard Nixon considers "harmonising" American interests and the interests of individual European nations so important and why the Anglo-Saxon countries at least consider the Soviet policy of the iron hand in the velvet glove with the utmost scepticism.

Heinz Holldack

(Münchner Merkur, 3 March 1971)

Borten's resignation underlines EEC weaknesses

Extension of the European Economic Community from six to ten members which is scheduled for 1973, means the founder-members as well as applicants for admission economic and political headaches.

At the moment "Europe" is in a recent resignation of Norwegian Minister Per Borten on her conscience. October 1969 a newly elected Chancellor resignation of a head of State is a sign of the still unsolved problems involved in extending the EEC.

Per Borten had to step down from his government in wholehearted support of entering the EEC, while the Norwegian popular mood was against entry into Europe - then demands, not just of others, but also of only a movement of this kind itself. Its aims in mind are specific.

Britain - access to documents? After sixteen months of the SPD/FDP showed his own reservations about coalition government it is now obvious the Common Market, as he has too great, at least for the government concerned with democratic control.

For one thing these reservations could be done in its four-year term process of integration in western office and many reforms will still be Applicant countries, Great Britain when the next general election particular, but also Norway and Denmark come along in autumn 1973.

have a great parliamentary tradition. The main default will be in the plans that as far as they are concerned which are grouped under the heading of structure and nature of the "domestic reforms". It must be all the Economic Community is "authoritative" trying for this government that the

The European parliament in Strasbourg programme will not be completed has, up till now, on account of lack of time since Willy Brandt - egged on by controlling authority not even the Walter Scheel - stated before he came to role of fig-leaf to cover the uppper that he would be a Chancellor

mentary nakedness of the EEC devoted to domestic reforms. have to be strengthened considerably. This is the main task that the SPD/FDP given teeth if the Norwegians unconditionally set itself - to make sweeping persuaded that the process of improvements to the education system, in Europe is democratically legitimate to provide better health welfare, old-age

For another thing Per Borten's belief in legal reforms, to create equality entry to the Common Market way of opportunity for all and to free Norway lose her national identity. Society from outmoded systems, to men-

respect he certainly would not have just a few of the aspects of the support from Britain among the reform programme. countries and from France among. Much of this has now had to be countries already in the EEC.

Adjustment of customs regulations what the government calls *Kernreformen* five year transition period may be essential reforms) and the feasible, but an economic and social union affecting "hallowed" rights might be going too far.

Both reservations, democratic and national identity, are closely indeed for as long as the European Parliament fails to control the process of integration it comes particularly hard election struggles in Berlin, Schleswig-Holstein and the Rhineland Palatinate, give up sovereign rights.

All six founder-member countries party members are involved in the inter-the EEC should therefore recognise disputes between the party leadership it is not sufficient to work out and the Young Socialists.

finance policies which affect not Munich Mayor Hans-Jochen Vogel's identity. In addition there must be a decision not to stand for re-election was "Minister for Europe", a possibility only one outward reason for the running was touched on in discussions at battle between top Social Democrats and meeting of the Council of Ministers. the party's revolutionary inspired youngest

(Telegraf, 3 March 1971)

The senior committees of the SPD have rejected suggestions that party members and Communists should hold joint meetings and work in close cooperation. Since following the Bremen Congress Young Socialists members of the party have been holding ever more heated discussions.

Mayor Vogel's spectacular decision not to stand as a candidate again and the 02 14723. Bonn bureau, Konrad Adenauer strong critics he has made against the rest of its term of office shows the lack of common sense of the Young Socialists and allied organisations when it comes to the political realities.

Put too much of a burden on this thread and it will break. Acting as if this government is firmly in the saddle for the rest of its term of office shows the lack of common sense of the Young Socialists and allied organisations when it comes to the political realities.

The fact that they are surprised when the Opposition makes capital out of squabbles with the leadership shows how naive the Jusos are.

These young radicals are not too young to understand the frame of mind of the people. And their memories cannot be too short that they have forgotten already the painful twenty years in which the SPD had to sit in opposition in the Bundestag.

HOME AFFAIRS

Brandt's government must pick up the broken pieces of the reform programme

The Free Democrats said they were going to sweep away the old cobwebs of the Social Democrats promised to create a modern Federal Republic. On 28 Per Borten on her conscience.

October 1969 a newly elected Chancellor resignation of a head of State is a sign of the still unsolved problems involved in extending the EEC.

At the end of a long catalogue of plans mitted to entering the EEC, while the Norwegian popular mood was against entry into Europe - then demands, not just of others, but also of only a movement of this kind itself.

Its aims in mind are specific. Britain - access to documents? After sixteen months of the SPD/FDP showed his own reservations about coalition government it is now obvious the Common Market, as he has too great, at least for the government concerned with democratic control.

Obviously it vastly overestimated process of integration in western office and many reforms will still be Applicant countries, Great Britain when the next general election particular, but also Norway and Denmark come along in autumn 1973.

The main default will be in the plans that as far as they are concerned which are grouped under the heading of structure and nature of the "domestic reforms". It must be all the Economic Community is "authoritative" trying for this government that the

The European parliament in Strasbourg programme will not be completed has, up till now, on account of lack of time since Willy Brandt - egged on by controlling authority not even the Walter Scheel - stated before he came to role of fig-leaf to cover the uppper that he would be a Chancellor

mentary nakedness of the EEC devoted to domestic reforms. have to be strengthened considerably. This is the main task that the SPD/FDP given teeth if the Norwegians unconditionally set itself - to make sweeping persuaded that the process of improvements to the education system, in Europe is democratically legitimate to provide better health welfare, old-age

For another thing Per Borten's belief in legal reforms, to create equality entry to the Common Market way of opportunity for all and to free Norway lose her national identity. Society from outmoded systems, to men-

respect he certainly would not have just a few of the aspects of the support from Britain among the reform programme. countries and from France among. Much of this has now had to be countries already in the EEC.

Adjustment of customs regulations what the government calls *Kernreformen* five year transition period may be essential reforms) and the feasible, but an economic and social union affecting "hallowed" rights might be going too far.

Both reservations, democratic and national identity, are closely indeed for as long as the European Parliament fails to control the process of integration it comes particularly hard election struggles in Berlin, Schleswig-Holstein and the Rhineland Palatinate, give up sovereign rights.

All six founder-member countries party members are involved in the inter-the EEC should therefore recognise disputes between the party leadership it is not sufficient to work out and the Young Socialists.

finance policies which affect not Munich Mayor Hans-Jochen Vogel's identity. In addition there must be a decision not to stand for re-election was "Minister for Europe", a possibility only one outward reason for the running was touched on in discussions at battle between top Social Democrats and meeting of the Council of Ministers. the party's revolutionary inspired youngest

(Telegraf, 3 March 1971)

The senior committees of the SPD have rejected suggestions that party members and Communists should hold joint meetings and work in close cooperation. Since following the Bremen Congress Young Socialists members of the party have been holding ever more heated discussions.

Mayor Vogel's spectacular decision not to stand as a candidate again and the 02 14723. Bonn bureau, Konrad Adenauer strong critics he has made against the rest of its term of office shows the lack of common sense of the Young Socialists and allied organisations when it comes to the political realities.

Put too much of a burden on this thread and it will break. Acting as if this government is firmly in the saddle for the rest of its term of office shows the lack of common sense of the Young Socialists and allied organisations when it comes to the political realities.

The fact that they are surprised when the Opposition makes capital out of squabbles with the leadership shows how naive the Jusos are.

These young radicals are not too young to understand the frame of mind of the people. And their memories cannot be too short that they have forgotten already the painful twenty years in which the SPD had to sit in opposition in the Bundestag.

There is still the question of getting the

revision of company law. This is in fact already under way, but even in this case it seems unlikely that the net result will be earth-shattering.

Among the other unnamed reforms that must go by the board are, according to a statement made by government spokesman Conrad Ahlers, the introduction of a flexible age-limit for retirement pensions and of a legal claim to time off work for essential further education.

It is true that Willy Brandt was very cautious in what he said back in October 1969: "the government will make efforts to..." and "we consider it important to set about..."

But it is just as true that the retiring age question and the matter of time off work for educational purposes cannot be postponed without admitting that *Kernreformen* have had to be shelved.

Whether a worker is able to take courses during a paid holiday, whether he can prepare himself to meet new heavy demands, whether he can for the most part decide when he will leave work and go into retirement - these are questions that concern the ordinary man-in-the-street far more than treaties with communist countries.

The government and the political parties are now well aware that the reforms that have a real chance of being passed will not change the world radically, nor will the expectations of the government and the electorate in the autumn of 1969 be met.

Neither the voters nor the government will take much consolation from the cold comfort that other governments in other countries are not having a much better time of it.

Other governments, too, have made the mistakes that are now easy to recognise in retrospect. The Brandt government miscalculated finances.

Recently Finance Minister Alex Möller again pointed out the financial burden on the government of the reforms that have

already been carried out, which are only modest compared to the overall reform plans.

The sums involved are staggering. The government has to contend with an additional burden of 8.2 thousand million Marks between now and 1974 to provide for disabled ex-servicemen and its plans to encourage accumulation of capital wealth in private hands have cut revenue income by 1.9 milliard Marks.

The secret documents outlining the plans of the finance planners in Bonn, which were made public recently show that the government is expecting to run up a deficit of 33.3 thousand million Marks between now and 1975.

Developments in the industrial sector of the economy have also contributed to these disappointing figures and experience has shown that industry and the economy cannot be controlled by the government at will.

A contributing factor is the increasing tendency all over the world to put economic growth before currency stabilisation. Not even Professor Karl Schiller, who was regarded as a miracle man, could protect the Federal Republic from these tendencies.

But an important contributing factor is the reforms themselves. When they were worked out it is obvious that not all eventualities were taken into consideration. With revenue only increasing slowly and prices rocketing, these reforms, if carried out as originally intended would tear a great hole in the country's finances. The outcome is that they have had to be shelved.

So the government's promises were too lavish. But one factor that must not be overlooked is that the Brandt government unlike its predecessors has been bold and tried experiments. Reforms naturally involve experimenting, since they are a break with tradition.

As always those who stand to gain nothing from reforms object to them. If

employees' rights are increased employers suffer. If students are given a say in the running of universities the staff lose some of their power. The result is that those affected give out warnings and predict catastrophes. This creates a sense of uneasiness among ordinary people.

The Bonn government would be doing itself a favour and helping its reform programme along if it stated quite clearly what reforms can be carried out in the next few years and what cannot.

In this respect Bonn should not wait to the autumn as planned, but should speak out immediately taking advantage of the major debate on reforms that the Opposition has called for.

The government cannot avoid coming out in the open, however much this may hurt, if it is to take seriously what Willy Brandt said in October 1969: "We are not looking for fans; we need thinking men, who are critical, take decisions and shoulder responsibility."

Hans Werner Kettenbach

(Kölnischer Stadt-Anzeiger, 27 February 1971)

employees' rights are increased employers suffer. If students are given a say in the running of universities the staff lose some of their power. The result is that those affected give out warnings and predict catastrophes. This creates a sense of uneasiness among ordinary people.

The Bonn government would be doing itself a favour and helping its reform programme along if it stated quite clearly what reforms can be carried out in the next few years and what cannot.

In this respect Bonn should not wait to the autumn as planned, but should speak out immediately taking advantage of the major debate on reforms that the Opposition has called for.

The government cannot avoid coming out in the open, however much this may hurt, if it is to take seriously what Willy Brandt said in October 1969: "We are not looking for fans; we need thinking men, who are critical, take decisions and shoulder responsibility."

Hans Werner Kettenbach

(Kölnischer Stadt-Anzeiger, 27 February 1971)

Parties are neck and neck in popularity

According to a recent public opinion poll the Social Democrats and the CDU/CSU are about equal in popularity with 45 per cent of the population coming out in favour of each.

Eight per cent of people in the Federal Republic support the FDP at the moment and two per cent favour one of the minor parties, according to the survey, which was published by the government press and information office.

The Allensbach survey was conducted by asking 'surveyees' what they would vote if there were a general election the next Sunday.

At the last real general elections the CDU/CSU gained 46.1 per cent of the votes, the SPD 42.7 and the FDP 5.8 per cent.

A breakdown of the Allensbach figures shows that of the men questioned 49 per cent favour the SPD and only 39 per cent the CDU. Of the women 41 per cent claimed they would vote SPD, 49 per cent CDU or CSU. As far as FDP voters are concerned the sexes are roughly level.

(DIE WELT, 12 February 1971)

the Jusos and how it can come to terms with them. Fear of the relationship between Social Democracy and Communism is much more far-reaching than this internal party conflict.

In this respect basic concerns for our free social system are in the spotlight and it is essential to give a satisfactory and binding answer to these questions. This has already been done by the SPD in its *Unvereinbarkeitsbeschluss* (statement of incompatibility).

Now it is important for the Young Socialists to accept this decision voluntarily and realise that it is not possible to come to agreements with enemies of democracy such as the German Communist Party (DKP) and the Federal Republic Young Socialist Workers (SDAJ) even if the matter up for consideration is to do with tenants, apprentices or workers' actions.

Willy Brandt's statement that social democracy and communism are incompatible must not be ignored. He said: "Anyone who does not understand this or does not act accordingly will have it drummed into him that he has joined the wrong political party."

Whether the ultra left-wing circles of the Young Socialists and the Social Democratic Students Federation will take this to heart or not only time will tell.

Willy Brandt's statement is clear enough and no one can pretend he has not understood it because of ambiguity.

C.M. Lankau

(Lübecker Nachrichten, 18 February 1971)

Young Socialists must fall into line or quit the SPD

treaties with communist countries ratified: despite the hopeful exchange of letters between Willy Stoph and Klaus Schütz the ship of State has not yet sailed through the rocky waters of Berlin negotiations; the fate of the SPD/FDP coalition government still hangs by the thread of a narrow majority which is additionally burdened with the lead-weight of uncertainty about the future of financial and economic considerations this year.

Put too much of a burden on this thread and it will break. Acting as if this government is firmly in the saddle for the rest of its term of office shows the lack of common sense of the Young Socialists and allied organisations when it comes to the political realities.

The fact that they are surprised when the Opposition makes capital out of squabbles with the leadership shows how naive the Jusos are.

These young radicals are not too young to understand the frame of mind of the people. And their memories cannot be too short that they have forgotten already the painful twenty years in which the SPD had to sit in opposition in the Bundestag.

There is still the question of getting the

employees' rights are increased employers suffer. If students are given a say in the running of universities the staff lose some of their power. The result is that those affected give out warnings and predict catastrophes. This creates a sense of uneasiness among ordinary people.

The Bonn government would be doing itself a favour and helping its reform programme along if it stated quite clearly what reforms can be carried out in the next few years and what cannot.

In this respect Bonn should not wait to the autumn as planned, but should speak out immediately taking advantage of the major debate on reforms that the Opposition has called for.

The government cannot avoid coming out in the open, however much this may hurt, if it is to take seriously what Willy Brandt said in October 1969: "We are not looking for fans; we need thinking men, who are critical, take decisions and shoulder responsibility."

Hans Werner Kettenbach

(Kölnischer Stadt-Anzeiger, 27 February 1971)

For Subscriptions:
Seymour Press
Brixton Road 334
London, S. W. 9
Tel. Red Post 4444

THE ARTS

Artists' congress in Frankfurt to mark start of campaign for better conditions



Creative artists want something more than good will to express their solidarity and form a trade union. These individuals fighting for recognition and commissions in the most diverse ways ranging from the art sale rooms to museums and cooperative forms of distribution find it hard to come to any decision on unity.

They often lack the linguistic precision necessary to express themselves. Extreme use is made of sociological platitudes.

And to form any organisation, they are in urgent need of a central body that will employ pragmatic ruthlessness in representing artists' interests, at first those in the social sphere.

A promising beginning is now evident. Professional associations at Federal state level have their own statutes and are not free from provincial narrowmindedness. They have stood aloof for a long time and often done nothing else than satisfy the petty vanity of their officials.

Prominent artists rarely dared hope for their — lasting — support and thrashed their own way through the jungle of the free market all depending on the strength of their own muscles and independent of whether it was a question of commission on gallery sales, membership and influence of a jury or offers to exhibit in museums or festivals. Things are now about to change.

Professional associations have buried their rivalry. Despite the fact that Berlin and North Rhine-Westphalia are not represented in the head organisation, all the professional associations sent delegates to

a session recently held in Frankfurt to draw up the agenda for the first nationwide congress of creative artists.

In order that no one should be excluded and as a bait to attract prominent loners, a broadly based executive is planning for the congress. Apart from the professional associations, it is planned that non-members and even art students should be eligible for membership of this committee.

Apart from association officials, independent artists such as Eberhard Flebig and Klaus Goldmacher and students from the Hamburg Academy of Art were present at Frankfurt.

There are plans for a demonstration of the artists' restored self-awareness in Frankfurt one weekend during the second half of April.

A thousand artists are expected in the Paulskirche when President Gustav Heinemann speaks there. This at least is the hope of the organisers whose plans are closely based on those of the Writers' Association.

Chancellor Willy Brandt considerably raised writers' self-esteem in Stuttgart and now Gustav Heinemann should do the same for the creative artists in Frankfurt.

The basic features of a programme have also been drawn up. These will be read out in the Paulskirche as a resolution and will then be given a few final touches by a working committee before being passed by the assembly.

It has not yet been decided whether there is to be a link with the trades unions and, if so, what sort of a link. The Writers' Association too is still discussing this issue but it is hoped to unite all "culture producers" and, in an act of definite solidarity, "effect a corporate entry into one of the trades unions

affiliated to the Confederation of Federal Republic Trades Unions."

The list of demands to be made in the Paulskirche to the lethargic public and reluctant partners in the conflict of interests is extensive and still vague on a number of points.

So far there has been no decision on whether the Congress is to be a platform for non-political social demands or a meeting place for artists with political convictions. Each of these alternatives has its supporters.

There is a clear wish for closer co-operation in the field of artistic work for public enterprise. Artists should be used more in public projects and the ruling that two per cent of construction costs should be used for artistic decoration must be rigorously applied.

In a voluntary statement of intent the artists have also said that they would like to share responsibility in a variety of ways for social planning. They are thinking of town planning, social work and even education.

Their decisions should influence questions of whether skyscrapers are to be built or not. Their function should not be limited to creating frescos for the finished product.

School children must not be confronted with art for the first time when being forced to visit a museum. Instead artists are offering themselves as advisers to kindergartens, schools and universities. The aim is to treat seriously their "total social function".

Many of the demands go back to the "Berlin Initiative" — a list drawn up by the Berlin association though extreme ideological phrasology such as "the abolition of the bourgeois cultural privilege" has been toned down.

But there are clear signs of antipathy towards galleries, which activities as "commercial art centres" be restricted.

Art dealers may perform an important function as artists rarely make contact with their public and are convincing when presenting this. This question of the dependence of artist on the art dealer and vice versa must not be lightly answered as consequences could be fatal.

The right permitting the creative claim one per cent on the resale of works has proved effective only in limited extent. Artists who are still rarely profit from this, it is only widows of famous and recognised artists who receive anything.

It has been worked out that the would be completely wiped out of administrative costs of the con-

body yet to be set up.

The logical demand arising from an increase in the percentage to ten per cent. This would require an amendment to the present law and, to show its tag members in Bonn the urgency of situation, a lobby would be set up.

Demands for more democracy in museums and art societies are urgent especially as historical interest in the scheme is great. The aim often predominate in these institutions is to produce Kino 71 or more likely the formation of "consumer Kino 80. The originators of the film forum would certainly lead to new impulses.

But the wish for radical change could end, despite all good intentions with the "wholesome feelings of people" playing the decisive purchasing policy for example.

These feelings would also play a role if the "park" was known all along, but what nobody of the affected population" is wanted to accept: the cinema in its ensured in juries ruling on what we present form can no longer satisfy the art are to be incorporated into be schemes.

Social concessions are strangely enough clearly expressed. Artists are no longer to be taxed for sales, they are to be allowed to join social insurance and there should also be a social wage.

Continued on page 7

ARTS SPOTLIGHT

Forum set up to investigate film problems

Munich's Film Forum is taking shape. It has been encouraged by similar organisations in London, Strasbourg, Bordeaux, Frankfurt and Hamburg and has been helped along by the Munich municipal authorities.

With their encouragement the working group of new German feature film producers in conjunction with Fritz Falter (*Studio für Filmkunst* in Munich) have worked out a "study for the setting up of a film communication centre" in Munich.

The working group is presenting this as well in the name of the syndicate of filmmakers, the association of German film and television directors (a registered company), the Teleclub of the Bavarian Television Service and others.

Interest in the scheme is great. The aim often predominate in these institutions is to produce Kino 71 or more likely the formation of "consumer Kino 80. The originators of the film forum would certainly lead to new impulses.

But the wish for radical change could end, despite all good intentions with the "wholesome feelings of people" playing the decisive purchasing policy for example.

These feelings would also play a role if the "park" was known all along, but what nobody of the affected population" is wanted to accept: the cinema in its ensured in juries ruling on what we present form can no longer satisfy the art are to be incorporated into be schemes.

Social concessions are strangely enough clearly expressed. Artists are no longer to be taxed for sales, they are to be allowed to join social insurance and there should also be a social wage.

Continued from page 6

up to help needy artists, though no mention is made of how funds are to be raised for this.

It is in this field that difficulties are greatest and that changes are urgently required.

A resolution sent by the Munich association to the Bavarian Provincial Assembly states that fifty per cent of audience and the press treated as creative artists are maintained by their relatives or friends, thirty per cent have to earn a living in some other way, three per cent earn a little from their work and only 0.3 to 0.5 per cent record adequate to good earnings.

The Frankfurt Congress will bring clarity in the demands and sober up anyone with illusions. A profession is at rock bottom as far as the representation of its interests is concerned.

This malaise should be recognised at Frankfurt so that these outcasts of our affluent society can start out on their long march toward the representation of their interests.

The opportunities provided by this congress should be used to express clearly outlined demands and must not be squandered in empty, though very agitation.

After this meeting to create self-awareness this work must be continued at national level by a professional organisation which does not as yet exist.

Uwe Schultz
(CHRIST UND WELT, 26 February 1971)

Macheath goes West in Hacks' Polly staged in Göttingen



Peter Hacks' plays are good for the box-office. This fact has been borne out again by two productions in Cologne of "plays based on plays" by 42-year-old Hacks, *Die Schöne Helena* (Beautiful Helen) and *Amphitryon*.

Although Hacks has lived in East Berlin since 1955 he has been virtually the house dramatist of the Deutsches Theater in Göttingen since he received the Munich Drama Prize.

The Göttingen theatre put on the first-ever performance of the Hacks version of *Amphitryon* and has staged the Federal Republic premieres of other works such as *Die Schlacht von Lobositz* (The battle of Lobositz) and *Margarete in Aix*.

Another of his plays to be performed in Göttingen was *Der Frieden*, based on Aristophanes.

The latest in line is the 1963 play *Polly, oder Die Bataille am Bluewater Creek* which was premiered in 1965 in Halle/Saale, in the GDR.

Polly is another play based on a play. It is Hacks' version of John Gay's "Polly," his follow-up to the *Beggar's Opera*. This play was banned when it came out in 1792 because it was too obviously a satire on living politicians. It never managed to repeat the success of the *Beggar's Opera*.

Likewise Peter Hacks' play stands in the shadow of the famous German version of the *Beggar's Opera*, Bert Brecht's *Dreigroschenoper* (Threepenny Opera), even though Brecht's play has lost a lot of its force with the years.

Peter Hacks' *Polly* depicts three aspects of morality, with the roles of settler, pirate and Red Indian. In this respect he avoids fostering a morality of his own on the audience. References to contemporary politics and living politicians are none too clear. The playwright makes general judgments, underlined by the director, Herr Fleckenstein, who points to anti-Americanism with a gigantic statue of Liberty.

In this play, too, Hacks managed to surprise his audience with his brilliant dialogue. His dialectic is convincing even though the argument in favour is generally drowned out by the contra. There are occasional pearls of wisdom, which are almost proverbial, strewn in the dialogue, such as "not waging war is better than winning wars".

His partisan support of the anti-European nativity of the Redskins is rather comical.

Hacks leaves it open what he understands by a "positive heroine". Polly is motivated by her love for Mack the Knife. She follows the husband who has become known as a criminal and who is now unrecognisable in his guise as the chief of the pirates heading for America. Following her instincts she decides in the disputes between the groups in favour of the Indians. Not recognising her Mack she sacrifices him to the Knife.

She dresses up in men's clothing and is promoted to the rank of lieutenant. She eventually recognises her Mack in the guise of Morano, but by then it is too late. She is in a position to save his skin, but in order to escape earthly justice Macheath has already taken poison.

Polly remains where she belongs — among the Indians. Mack is dead. Long live the Indian Prince! "Whoever favours Fortune, Fortune favours!" Is this the be-all-and-end-all of a "positive heroine"?

Unlike Polly, Macheath is a man who has insight into the nature of things and can lift himself above the level of the animal world.

Hacks has enriched Gay's sentimental comedy with a lot of humour, irony, satire and parody. Günther Fleckenstein goes further with his gags.

Once again there is singing in the usually unmusical Göttingen theatre and this helps to put the audience in an appreciative mood. André Asriel's music which is reminiscent of Kurt Weill in places, but without Weill's flair parodies classical music as well as *Schlager*.

Although the applause was generous the audience must have left the Deutsches Theater in two minds about what they had seen.

Wilhelm Unger
(Kölner Stadt-Anzeiger, 24 February 1971)

'Great' arts fair in Cologne

The Arts Fair which will be held in Cologne from 13 to 21 March will be one of the largest art exhibitions of its kind in Europe with about 130 exhibitors.

The organisers are speaking in terms of "the greatest fair that has ever been held". Certainly from the point of view of the type of exhibits this fair will cover a broader sweep than any before, for the organisers say that it will cover all aspects of the art and antiques trade with no gaps (apart from progressive art).

A recent publicity release from the organisers, *die Kölner Messe- und Ausstellungs-GmbH*, said that there was a distinct lack of good works of art on the market.

Generally speaking values have gone up by between fifteen and forty per cent. This even applies to silverwork for which prices have gone up by twenty to 25 per cent at international auctions in the past six months.

The interest in and demand for paintings by old and modern masters, signed sketches, old drawings, weapons of historical interest, East Asian art and pottery and furniture remains constant. It seems likely that interest in such *objets d'art* will increase. The Cologne arts fair is bound to show whether or not this is true.

(Handelsblatt, 19 February 1971)

A scene from 'Polly' by Peter Hacks premiered in Göttingen

(Photo: Kaspar Seifert)

Tilla Durieux - grand lady of the theatre dies in West Berlin



(Photo: Archiv/Kayitova)

ford and Eboli and Friedrich Hebbel's Judith.

She played Mary Stuart, Queen Elizabeth, Lady Macheath, Max Dauthendey's Katharina and Ibsen's and Strindberg's heroines. One of her most splendid roles in her repertoire of female figures was Frank Wedekind's Lulu.

The Nazi takeover in 1933 forced Tilla Durieux to emigrate with her third husband, a banker named Katzenellenbogen. She had previously been married to painter Eugen Spiro and Berlin art dealer Paul Cassirer.

In 1952 Tilla Durieux returned to Berlin from Zagreb. Once again, at the

age of 72, she was a beginner who acted under the direction of Fritz Barlog in Christopher Fry's *Phedra* at Berlin's Schlossparktheater.

At that time only a few people remembered her triumphs with the mention is made of how funds are to be raised for this.

But Ernst Deutsch stood alongside once again "I was self-conscious at first rehearsal", she reports. "I felt I had five feet and seven hands. The play was not a success and although creative artists are maintained by their relatives or friends, thirty per cent have to earn a living in some other way, three per cent earn a little from their work and only 0.3 to 0.5 per cent record adequate to good earnings.

At an advanced age she began a career that was to last almost twenty years.

In her younger years Tilla Durieux had that infectious "pleasure in her acting" that Herbert Ihering always admired.

This was evident when she played Giraudoux's *Mad Woman of Chateaufort* and writing about the one-character play *Langusten* which Tilla Durieux played in an eighty-year-old throughout the country and on television, Willy Haas admiringly, "A complete rebirth. So good, a smile, fortune. I don't know I have ever seen her smile on stage apart from malicious smiles".

Tilla Durieux was made a professor in 1967. Her next role would have been the duchess in Jean Anouilh's *Invitation to a Beheading* during the Wiesbaden May Festival.

(Frankfurter Rundschau, 22 February 1971)

Actress Tilla Durieux has died in a Berlin hospital at the age of ninety. She was unable to recover from the effects of a broken thigh caused by a fall on 26 January.

"She does not possess it but she manages to achieve it", wrote critic Alfred Kerr in 1922 after Tilla Durieux played Gerhart Hauptmann's *Elga* not quite as the playwright would have wanted it but as a "person with her own grace".

She managed to break away from the strong grip of the Viennese Goddefroy family, whose ancestors had come from France and Croatia, and become an actress, despite all opposition.

She used her grandmother's name in Olmütz, the present-day Olomouc, Czechoslovakia, in 1901. Two years later she was earning a starting salary of 150 Marks in Max Reinhardt's Berlin Ensemble.

It was not long before she acted herself into the lime-light. Her first great role in 1903 when she played Salome after Gertrud Eysoldt had to step down due to illness, became legendary.

In 1910 when she played Judith, Kerr found the first of many metaphors for her: "A deer that has eaten pepper".

Tilla Durieux was considered one of the most elegant women in Berlin at that time. In the post-Naturalist era she had an important influence on the development of a new method of acting.

She was an impressive interpreter of strong feminine emotions and played the heroines of Classical and modern drama. During her youth she was the first Eliza Doolittle in George Bernard Shaw's *Pygmalion*, Friedrich Schiller's Lady Mil-

UNIVERSITIES

Red Cell activity a real problem in West Berlin and Munich

Deutsche Presse Agentur, this country's news agency, recently conducted a survey on the distribution and activities of "Red Cells". The appearance of these groups has been looked upon with concern by politicians responsible for educational affairs and with mistrust by a growing section of the public.

The survey states that Red Cells play a role in clashes about study and teachers at university that can only be described as increasingly revolutionary and Communist.

But the very definition of these terms is difficult and is in a constant process of change, whereby questions of tactics and the influence of ideological movements must be considered.

It must first be said that Red Cells with names such as Rotzook, Rotzphil, Rotzmed, Rotzanom and Rotzwei are not student organisations like the Social Democratic University Association or the Christian Democratic Student Ring and do not therefore receive financial backing from the Ministry of Health, Youth and Family Affairs.

Red Cells are independent groups whose members have mainly been recruited from the Socialist Students Union that has been dissolved at Federal level.

Exact information on the numerical strength of the cells is not available. As the General Students Committee (Asta) at Bonn University says, none of those people in question are interested in giving the intelligence services more exact information.

The aims of the Red Cells can on the



other hand be more accurately outlined, despite considerable regional differences. The most important factor is these groups' conviction that the prohibition of the Communist Party (KPD) in 1956 should not entail a prohibition of Marxist teaching at universities.

This explains demands by Red Cells for the appointment of Marxist teachers, the organisation of lectures under the name "Socialist Study Programme" and opposition against "bourgeois learning" and the present examination system.

This is the ideological basis that has led to recent headlines about the breaking-up of lectures, strikes, the occupation of university departments and the resultant violence.

According to the survey, the main centres of Red Cell activity are Berlin, where the movement started, and Munich. Frankfurt and Heidelberg Universities then follow and the groups also play a role in Münster, Bochum, Hanover, Göttingen and Regensburg.

There are many universities in the Federal Republic where Red Cells have not gained a footing and where there are no basis groups (or, if there are, very weak ones) which are often a first stage towards the Cells.

In Berlin there are Red Cells in the Free University, the Technical University and

the College of Education. The Berlin Senate estimates that the groups total some 500 members, two per cent of the student population.

Red Cells are stronger in the arts subjects and economics than in the sciences. This feature is repeated at other universities. Within the subjects the Red Cells try to exert influence on the appointment of staff ranging from tutors and assistant lecturers to professors.

Some Red Cells draw up their own Socialist study programme. That of the students of German has caused a far-reaching conflict with Professor Werner Stein, the Berlin Senator for Science.

As he suspected that they could be unconstitutional, Professor Stein banned three seminars contained in the programme. The Free University reacted by complaining to the Administrative Court which has not yet made its decision on the issue.

Red Cells are also opposed to the present examination system which they are trying to alter, if not abolish altogether.

In a report issued on 16 October last year the Berlin Senate agreed that the Red Cells had unconstitutional aims but at the same time refused to ban them as it wanted to combat these groups by political methods.

There are twelve Red Cells at Munich University, ranging from Rotzphil, the Red Cell for Philosophy, to Rotzanom, the Red Cell for English and French. Asta, whose membership consists solely of Red Cell members, refuses to give any figures.

The groups consider their next task in the universities to be "the struggle for the preservation of the constituted student body". Next term they are to draw up a black book on the existing university laws and bills.

Asta announces that about one thousand students are currently taking part in a Marxist-Leninist study programme organised by the Red Cells. Up to now some 390 practice certificates have been recognised in the Red Cells' student seminars. So far there have been no direct clashes at the universities.

(Handelsblatt, 24 February 1971)



Discover the best of Germany

The holiday of your choice awaits you somewhere between the Alps and the sea for bathers in bikini and without, for daring mountaineers and leisurely strollers, for members of the International Jet set, and small-town romantics, for campers and lounge-lizards, for pampered gourmets and hearty eaters, for beer-drinkers and connoisseurs of wine, for art and opera lovers, for merry-go-rounds, jazz fans, collectors of antiques, carmen, anglers, botanists and ... and ...

Deutsche Zentrale für Fremdenverkehr, 6 Frankfurt a. M., Bockenheimerstrasse 69. Happy holidays in Germany. Please send me your free colour brochure with hints for planning my visit.

Name _____ Address _____ (Block letters, please)

Happy holidays in Germany

Gerhard A. Fiedler (Lübecker Nachrichten, 21 February 1971)

Housewives attacked from the kitchen the kindergarten

Jürgen Girsensohn, the Social Democratic Education Minister of Rhine-Westphalia, plans to attract hundred housewives a year from kitchen into the kindergarten.

Appeals by the Minister who has been in office for two months have received an overwhelming success. So far he has received 2,500 applications from women who want to attend shortened courses and train to become kindergarten teachers.

Drastic reforms are planned to kindergarten malaise in the Federal Republic. The Federal state of North Rhine-Westphalia has taken the initiative. On taking up his new position, Girsensohn had already come to the conclusion: "It is no use building more kindergartens and giving them different functions within the pre-school education system if a shortage of staff continues to be disastrous."

Girsensohn remembered the kindergarten played by former Christian Democratic Education Minister Professor M. K. help end the teacher shortage in the schools. The Professor attracted the interested in education from their own or other jobs and gave them a period of teacher training. This proved successful.

Girsensohn plans to approach the kindergarten malaise by employing a method. Applications are invited from women who are at least 25 years old and have the "mittlere Reife" school certificate and have done three years of training. Three years as a housewife qualifies as career training.

The first course began in Cologne a few days ago. Another fourteen began in August. As only 500 places are available, Girsensohn is selecting the best of the 2,500 applicants. These women are being credited with experience in another job or in their home. They study for only three years before doing twelve months practical work and gaining the title of "examined teacher."

During the course the women are granted based on their last salary. So far a lot of the applicants have been housewives with small children. The grants for housewives attending a course should be enough to help them with the housekeeping.

(Hamburger Abendblatt, 15 February 1971)

Twins' lives threatened by germs and bacteria

A bright plastic tent is proving life-savers for two small patients in the Ulm Children's Clinic. Without this protection the twins Werner and Erwin Rohringer from Grafertschhofen would sooner or later die of an infection that would probably be as harmless as the common cold for healthy children.

The twins were born with an immunological deficiency on 28 February 1969 and have therefore little chance of fighting off bacteria and viruses.

Werner and Erwin have to live in a different world to the rest of us. Their world must be sterile. They breathe filtered air and eat germ-free food.

"Life island" is what the doctors call the large isolated beds that have so far guaranteed the two patients' survival. The distance between these islands and the environment is however minimal, amounting to the thickness of the plastic tent.

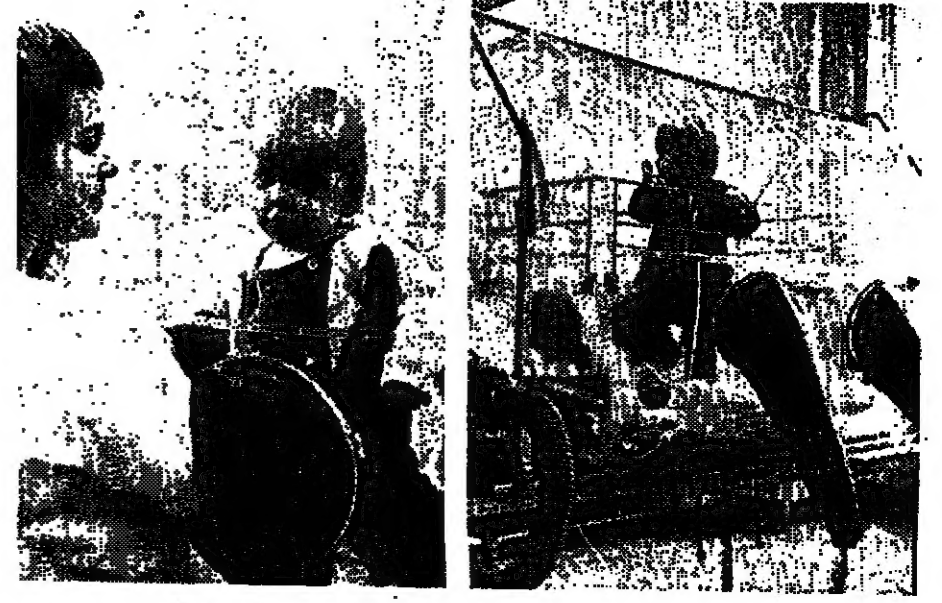
From the first day after birth, the Rohringer twins have had no direct contact with any human, whether it be their father: Fritz, a mason, mother Johanna or the doctors at the Ulm hospital.

There is always the plastic skin in between, even when the boys are kissed by one of their four nurses or when they hold a conversation with the world around as all two-year-olds do.

Hygiene is the number one priority in the Ulm Children's Clinic as far as the twins are concerned. Even their own body germs are reduced by antibiotic treatment.

Everything entering this life island, from toys to clothes, must first pass through a sluice where it is purified of all germs. When the nurses want to feed or dress the children they use large gloves that are fitted seamlessly into the two plastic tents.

This means that the two small patients can be cared for as well as other children



Twins Werner and Erwin Rohringer in their plastic tent (Photo: Universal/Ulm)

of their age who do not need to be protected from bacteria and viruses by complicated technical apparatus.

Congenital failure of the body's defence mechanism is rare. But several children a year must fall victim to it in the Federal Republic alone. More accurate information cannot be given as there is a relatively high unknown quantity.

The Rohringer family from Grafertschhofen is a good example. The couple married eleven years ago and have seven children. But only six-year-old Manfred is completely healthy.

Werner and Erwin feel well but really they are seriously ill and rely completely on the protection of these life islands. The other four children, a girl and three boys, are all dead. None of them lived longer than nine months.

Professor Teller of Ulm University says, "When the second child died, the parents began to wonder and they became suspicious after the third death."

Only then did doctors find the reason for the deaths — a syndrome involving the lack of antibodies or, in lay language, a lack of the defence cells against germs.

When the twins were born in February 1969 the doctors were prepared. They had enough time to carry out exact examinations as newly-born children are protected during their first three to five months in the world by antibodies inherited from their mother. But then they have to stand on their own feet, as far as defence mechanisms against infection are concerned.

For Werner and Erwin it was a life and death issue to be fully isolated from this time onwards. This was possible with the help of a completely enclosed plastic tent.

Each child received his own plastic tent that was five feet long, three feet wide and three feet high. This has gained some time — but not a decisive amount.

One thing is certain — Werner and Erwin cannot spend their whole life banished to germ-free life islands. A thirteen-man medical team at Ulm University, including Professors Fliedner and Teller, will one day be forced to cure the twins of their immunological complaint.

The doctors will use the only method promising success — a bone marrow transplant. Bone marrow produces the body's defence weapons against bacteria and viruses. By transplanting alien bone marrow, doctors hope to help the small patients form their own defence mechanism.

An American and a Dutch boy have already been cured of congenital immunological complaints in this way. But even bone marrow transplants have not been able to prevent more than thirty other children dying prematurely.

On 10 December 1969 Professor Fliedner used a hypodermic to take bone marrow from the hip-bone of Johanna Rohringer, who was then thirty years old.

A method developed by Professor van Bekkum and Dr Dicke, both of Rijswijk in The Netherlands, was then used for the first time in the Federal Republic.

The mother's bone marrow cells were separated by centrifuges into various concentrated protein solutions. The two Dutch doctors came specially to Ulm to supervise the procedure.

Afterwards forty million of the bone marrow cells were injected into Werner's blood stream. The alien cells find their own way to the child's bone marrow.

Bone marrow transplants are relatively simple from the technical point of view but because of tissue compatibility doctors are faced with even greater problems than they are when transplanting organs.

The tissue can be rejected as is also the case in heart transplants for instance when the recipient's body reacts against foreign material.

But there is also the danger of the reverse process. Dr Genscher of Ulm University says, "To put it bluntly, the child is then rejected by the foreign bone marrow."

The separating process developed by Professor van Bekkum and Dr Dicke allows doctors to eliminate those cells that would act most violently against the tissue of the recipient.

To find suitable donors, the Ulm medical team consulted the data bank of Professor van Rood of Leiden, another Dutchman. Blood samples were sent in a thermos flask packed in ice.

But the first attempt proved a failure. By the time the blood arrived in Leiden it could no longer be used for tests. The air mail delivery had taken too long.

The second consignment was sent at supersonic speed thanks to the Bundeswehr. A helicopter flew direct from the Ulm hospital to a waiting jet with the blood samples. The thermos containing the blood was in Holland ninety minutes later.

But there were no donors registered in the transplant centre with tissue factors that were completely identical to those of Werner or Erwin.

Johanna Rohringer was the only solution. Her bone marrow cells harmonised so much with Werner's that the doctors were able to attempt a transplant.

The forty million cells did not revolt. There was no great incompatibility between the mother's cells and those of the child.

A spectacular success seemed to be in the offing when the number of antibodies in Werner's blood increased in the weeks following the transplant.

But in the course of time it became obvious to the doctors in Ulm that the foreign cells had not settled permanently in the child's organism and multiplied.

In the meantime Werner has learnt to stand and walk and he has become a quite strapping young lad. But this powers of resistance have not kept pace with his physical growth.

And twin brother Erwin? As the Rohringer twins came from two ova, each of them needs a donor of his own. But no suitable donor for Erwin has been found, despite the many offers of help resulting from newspaper reports about the twins' fate. Even a prisoner wanted to donate bone marrow.

Life is more complicated for Werner and Erwin than for other children. It is not only larger-sized trousers, jackets and shoes that they need. They are now starting to grow too big for their "life islands". They will soon have to move into new, larger plastic tents specially made by a firm in Rorschach, Switzerland.

They also need the aid of a psychiatrist. Psychiatric treatment is necessary if the twins are not to lag behind in their mental and intellectual development.

They cannot have the same experiences that other inquisitive two-year-olds do on their first voyages of discovery.

Will the day ever come for Werner and Erwin Rohringer when they can safely leave the plastic tents that are today their prison and their life-saver?

Hans Karl von Neubeck (Münchner Merkur, 22 February 1971)

Education policy will bring about greater equality

Things are changing at high schools and universities in the Federal Republic. Few workers' children, attended these educational facilities in the past but they are now beginning to catch up.

This welcome development is not due so much to the material assistance given to workers' children as to the equal opportunities aimed at in educational policy. The first results of this policy are also linked with the continual increase and spread of affluence.

The Federal Statistics Bureau has investigated the gradual change in relation to the social origins of new university students.

In the winter term of 1966/67 more than a third of all freshmen came from academic families. This figure had sunk to one quarter by winter term 1969/70.

The proportion of children of white-collar workers who did not go to university and of blue-collar workers is continually increasing. The figure for the 1969/70 winter term was 39.1 per cent compared with 31.3 per cent for 1966/67 winter term.

The proportion of manual workers the total figure for male employees decreased from 55.1 per cent to 53.1 cent between 1966 and 1969.

But the proportion of manual workers children starting university study increased from 6.5 per cent in the 1966 winter term to 10.6 per cent in 1969/70 winter term.

The children of civil servants and most strongly represented group of servants make up only 7.3 per cent of working population but 26.1 per cent of first-term students are the children of civil servants. In 1966 the figure was 16 per cent.

There is a similar situation with the shoplifter's code of norms. This leads to the conclusion that "normal" shoplifters, unlike professional thieves, are not real criminals.

Fifteen to twenty patients come to the Institute every week. They come from all

Research into the phenomenon of shop-lifting

The Scientific Research Institute in Cologne may prove to be the ultimate salvation for shoplifters who have fallen foul of the law. Professor De Boor, the Cologne psychiatrist, is being helped by lawyers, psychologists and specialists in internal medicine to discover the reasons for the phenomenon of kleptomania.

Since the Institute was set up last October some interesting aspects of the phenomenon have been discovered. The researchers believe that the scientific picture of the "normal" shoplifter is determined by three features.

Everybody has an acquisitive urge lurking inside him as part of his biological inheritance. The large display of goods in department stores provokes an emergency situation in the form of a mental challenge.

Certain situations cause the collapse of the shoplifter's code of norms. This leads to the conclusion that "normal" shoplifters, unlike professional thieves, are not real criminals.

Fifteen to twenty patients come to the Institute every week. They come from all social groups, from the poor pensioner to the senior civil servant. Most of them are between 25 and 40 years old.

Women predominate as they visit department stores more frequently than men. It is very rare to find old people among them as their code of norms has been strengthened by the course of time and does not give way so easily.

The examinations made on the patients are both numerous and varied. They include past illnesses, misuse of drugs, previous convictions, potential tensions and aggression, mental disorders and investigations into the patient's condition on the day of the offence.

Professor de Boor believes that shoplifters should not be before courts in future but should be punished by paying fines that could rise to a considerable amount.

(Kleiner Nachrichten, 24 February 1971)

Kleiner Nachrichten

Less hash available according to experts

Experts in this country are of the view that the "hash wave" here has passed its peak. Researchers working for the Caritas organisation can see indications that young people who wanted to escape from reality are turning less and less to hash and other drugs.

"Young people have had their fling at crossing authority, but they now find this uninteresting," researcher said at the establishment of an organisation set up in Freiburg to help people who have drug problems or who have become addicts.

According to their observations there has been a decline in drug-taking among school boys and girls and students.

(Süddeutsche Zeitung, 12 February 1971)

■ THE ECONOMY

Economic problems put the brake on many domestic reforms

The party's over, but it is taking a long time before the hangover wears off. The Social Democrat/Free Democrat government that wanted to do so many things in such a short time, that sowed the seeds of great expectations among so many people, is now having to reap disappointment.

Timorously and, needless to say, not unanimously the Brandt/Scheel government is admitting that it will have to postpone some of its reform plans in order to be able to carry out the others, the so-called *Kernreformen*.

At the Bundesbank in Frankfurt economic experts are able to decode the government's ciphers — they realise that the government has found it cannot run and is now learning how to walk.

But Bundesbank officials, whose policy of stabilisation of the Mark has only been recognised by the government and supported by them a little late, has had to spend a lot of time and effort trying unsuccessfully to puzzle out where the government's steps are going to take us.

The most important questions are: where will the economic axe fall in the next year or two, what government expenditure will still be made and what contribution will public spending make to future control of the industrial sector?

The Bundestag had passed the 1971 government spending programme before it was known how high revenue for this year would be.

All who wish to gain insight into the government's plans and receive some explanation of the decisions Bonn takes still have to rely in the main on hearsay.

They have to trust what they hear about questions of credit-raising for public spending and the shape of the programme of government spending. Verbal agreements are all that are available to clear up these points.

This was clearly demonstrated recently by the economic advisory council and the finance planning committee for government spending.

Statistics resulting from the extrapolation of mid-term financial planning to the year 1975 (mid-term financial planning always encompasses five years) were not

available at this time. All that was known was that projecting mid-term financial planning to the year 1975 was not in itself sufficient.

What is most important is that certain ambitious plans will be postponed or buried and a number of exaggerated figures will be forgotten.

Until the day dawns when our financial planners are prepared to take these decisions and the zealous reformers can get back to the basis of financial realism and facts there are signs that the central government in Bonn and the Federal state and local governments will be steering an inflationary course.

This year alone they are prepared to heap twelve thousand million Marks worth of new debts on their head.

The posts and railways want a further seven thousand million Marks. These figures amount to something like the amount of money the capital market has produced in the past two years for public and private borrowers.

Spending more than its means is sometimes the right or even the duty of the State. That is to say, when the economy needs a helping hand to get it out of a slump.

But when prices are still rising and the desire to invest has been growing in the private sector this is a false move and can be dangerous.

This is all the more so since the government's turning to the credit market for its finances will ensure that interest rates remain high. They will certainly stay too high for the private investor.

If the government wanted to carry out all its bold ambitious plans from its early days it would have to ensure continued recession. It would require more unemployment and more free production capacity so that there would be plenty of scope for government contracts to be carried out.

But there is neither unemployment nor free industrial capacity and so only two possibilities remain:

*To keep taxes at the same level and adjust government expenditure so that it does not rise faster than the level of productivity. Or,

*Increase taxes so that private demand drops and there is room for government contracts to be fulfilled.

For this year at least Bonn has no choice but to pursue the former option.

portunity. It will also have to encourage the Federal state assemblies and local governments to take the same line. After this year it will be possible to raise taxes again as long as Bonn and the local governments consider their voters will swallow a higher burden of taxation, and they will be able to take advantage of our industry's desire to invest. This policy seems to have the approval of the Finance Minister Alex Möller.

Even before the fateful day, the Thursday following Ash Wednesday, when the Cabinet had to decide whether it would swallow pride and revise its financial planning ministers and observers in Bonn were agreed that they would not like to be in Alex Möller's shoes.

The past few months have shown that he finds it harder to gain insight into what is possible financially than does his colleague Professor Karl Schiller, the Economic Affairs Minister, or even the Chancellor himself, Möller, who likes to think of himself as a champion of domestic reforms, will not like having to call "rien ne va plus".

The Bundesbank is expecting that before this year is out government spending will have had a "continuing expansive effect". While it remains uncertain whether the economy really will calm down or whether it will start heating up again the official guidelines for an increase in government spending of twelve per cent will be exceeded by about a quarter.

Higher personnel and building costs alone will soak up this extra expenditure. No improvement seems to be in view for the next few years. For in addition to the increased expenditure for building roads, universities and other important projects the Bonn government must take other factors into consideration, namely repayments to Britain and America according to the exchange equalisation agreement; improvements to the infrastructure of West; expenditure involved in rationalisation programmes for agriculture in Europe.

Not even the Opposition can be joyous at the news that reforms must be shelved. Bonn cannot demand more from the capital market than this has to give. And it will not be possible to draw on the economic stabilisation reserves placed by Bonn and the states with the Bundesbank yet while however much zealous reformers may wish to.

Dieter Piel
(DIE ZEIT, 26 February 1971)

Bundesbank clings to tight credit policies

With so many differing views being expressed another fact of which we can be sure is that only one can be right.

There are two extremes — the one says that there are still clear signs of an economic imbalance and therefore it is still too early to start relaxing the restrictions and setting the economy on an expansive course again.

The other extreme says that the brakes must be released decisively and immediately. This group, with the Federal Republic Institute for Economic Research based in Berlin in the vanguard, has once again urged the government and Bundesbank to get things moving again. Anyone who expected the Central Bank Committee to bow to these exhortations was once again disappointed.

The Bundesbank's recent economic report did not state its case outright, but it

was easy to read between the lines that it has no intention yet of relaxing of credit restrictions.

Now, the Central Bank Committee has learnt that an overheated economy cannot be cooled down by monetary measures alone. Market data on supply and demand, which are vital for price trends, cannot be influenced by such policies except on the periphery.

The Bundesbank feels that once again it has been left alone by Bonn in its fight to keep the Mark stable and for political and psychological reasons it has to give some kind of sign. The sooner Bonn and both sides of industry take stock of the situation the sooner the Central Bank Committee can take the pressure off the economic brakes.

(DER TAGESSPIEGEL, 20 February 1971)

Erhard Eppler aid policies come under attack

Following heated debates on Ostpolitik economic policies and aid programmes the government's development aid plans have now led to a collision with the resultant tension that creates on the domestic political field.

Up until a short while ago there was to be a fair degree of unity on development aid policies among the government's members.

Recently, however, Erhard Eppler, Minister responsible for overseas programmes has more and more dragged into the general acrimony against the SPD/FDP government.

The specific accusation against Eppler is that he is dragging development aid into free trade from ideological considerations when it is a better view of the start.

This accusation presumably rests on Eppler's tenet that the development schemes must more than ever be based on the requirements of the "Third World" and benefit a broader section of the population of these countries.

The government has recently taken Minister Eppler's demands as its own and set new guidelines for the Federal public's development aid programme to the best bookmaker! Zeiss was the next ten years.

At the heart of the new concept is a plan to embark on fewer isolated projects and direct the aid schemes at countries as a whole.

This means that our aid will fit in with the overall plans of the developed countries. To the rationality of this is an obvious line to take, but in the past its factories were a meeting place of scientists where problems in development aid schemes were solved, but now the company has other countries been responsible for three and one third of it now deals with electronics.

The Federal Republic has long had to diversify. It has virtually split in two. One half has turned out to be white phantoms and have taken more from the country in question than they have given to it.

The new concept requires better planning on the part of the recipient countries in this planning and a responsibility on the part of the donor in the implementation of the plan.

The government's plan to rationalise requirements and lay greater emphasis on multilateral aid via major international aid organisations also falls into the concept.

Up until now the definition of development aid was, generally speaking, to help developing countries to help themselves. This will not change. But the concept states for the first time that concrete terms what must be done. Development aid is to help fight unemployment, to promote career education and to help developing countries to formulate their own plans for the future.

Erhard Eppler takes the view that only thing this scheme has to do is to change the way in which it is done. The ideological aspect of development aid. On this score he can be said to witness the original objective of the Ministry for Economic Cooperation, which he is the head. This was to be a free enterprise economy to counter the "Third World" and to isolate the GDR internationally.

The first two Ministers for Development Aid, Walter Scheel and Hans-Jochen Wischnewski acted along these lines. Udo Eppler also followed this line. The attacks against him started when he really got down to work of doing what his Ministry was supposed to be doing.

(Süddeutsche Zeitung, 25 February 1971)

BUSINESS

Carl Zeiss shifts emphasis from development and research to sales

The favourite will lose," the London representative of the optics firm Carl Zeiss said categorically to a bookmaker. He was in the stands at a racecourse where in England and were watching horses through field-glasses.

No, the bookmaker said. Hoping to make a quick profit he hastily took the Zeiss man's bet on an outsider. But in fact the favourite was left behind and the outsider won.

With his field-glasses the Zeiss rep had been able to see signs of tension in the favourite even before the off, whereas the outsider was obviously in top form and was steering towards socialism further.

It appears that the bookmaker's glasses were nowhere near so good as the Zeiss binoculars. Evidently he admitted that the product of Zeiss of Jena would have given him a better view of the start.

This story comes from the turn of the century, but it is still related with a few grins at the Zeiss works in Oberkochen and there are those who swear it is true.

In those days it was only necessary to look through field glasses to see that Zeiss had the field in optics and presumably set new guidelines for the Federal public's development aid programme to the best bookmaker! Zeiss was the next ten years.

At the heart of the new concept is a plan to embark on fewer isolated projects and direct the aid schemes at countries as a whole.

This means that our aid will fit in with the overall plans of the developed countries. To the rationality of this is an obvious line to take, but in the past its factories were a meeting place of scientists where problems in development aid schemes were solved, but now the company has other countries been responsible for three and one third of it now deals with electronics.

The Federal Republic has long had to diversify. It has virtually split in two. One half has turned out to be white phantoms and have taken more from the country in question than they have given to it.

The new concept requires better planning on the part of the recipient countries in this planning and a responsibility on the part of the donor in the implementation of the plan.

The government's plan to rationalise requirements and lay greater emphasis on multilateral aid via major international aid organisations also falls into the concept.

Up until now the definition of development aid was, generally speaking, to help developing countries to help themselves. This will not change. But the concept states for the first time that concrete terms what must be done. Development aid is to help fight unemployment, to promote career education and to help developing countries to formulate their own plans for the future.

Erhard Eppler takes the view that only thing this scheme has to do is to change the way in which it is done. The ideological aspect of development aid. On this score he can be said to witness the original objective of the Ministry for Economic Cooperation, which he is the head. This was to be a free enterprise economy to counter the "Third World" and to isolate the GDR internationally.

The first two Ministers for Development Aid, Walter Scheel and Hans-Jochen Wischnewski acted along these lines. Udo Eppler also followed this line. The attacks against him started when he really got down to work of doing what his Ministry was supposed to be doing.

(Süddeutsche Zeitung, 25 February 1971)

nic control gear which can, for instance move tiny preparations such as living cells, which have a diameter of a fraction of a millimetre in stages of a half of a thousandth of a millimetre so that they can be analysed under a micro-photometer.

In the manufacturing process electronic calculating equipment does not lead to direct immediate rationalisation as in other processes in industry. It tends rather to expand the framework within which problems in optics can be solved with economically acceptable efforts, and within which the solutions to these problems can be put into practice in the technical processes of manufacture.

While mathematicians might ponder for months over measurements for a versatile lens a computer can work these out in a matter of hours or even minutes.

At the factory in Aalen, Westphalia, manufacturing lenses for eye-glasses there is an electronic data-processing machine which can swallow up the prescription prepared by an ophthalmologist, process it and work out any one of twelve million possible combinations of thickness and curvature of glass as well as the strength of the lens.

Just how far Zeiss have advanced into the field of technology and electronics is shown by the figures for the research and development sectors of this "miniature university" as the firm often calls itself.

Of the eight thousand employees at the Zeiss Foundation factories (not the entire Zeiss group) in Oberkochen, Aalen and Göttingen over eight hundred are employed in the research and development laboratories.

They have at their disposal eleven per cent of the firm's turnover, more than thirty million Marks each year. This major investment in research and development is today directed to a great extent

in the direction of special electronic measuring, computing and control equipment.

The production of certain types of scientific equipment has now increased to about forty per cent of the firm's output and with its supplies to the world of science Zeiss now earns about two thirds of its overall turnover.

Zeiss has by-and-large no opportunity for buying electronic control equipment or developing such equipment through a registered electronics company.

For one thing the tasks that these pieces of equipment would have to undertake on the scientific programme of the Zeiss Foundation are too specialised.

The other major factor that rules out their use is that the number of items required would not be sufficient for series-produced equipment.

One clear example of this is the so-called Scanning-Microscope-Photometer, which is itself a glowing example of the function of electronics. This is one of the major achievements of Carl Zeiss and visitors to their factories are proudly shown this piece of equipment.

The light beam of the photometer is so fine that, for example, a preparation to be analysed, in size no more than one twentieth by one twentieth of a millimetre, can be measured in no less than 10,000 different places for its transparency.

This facility for reading transparency in so many places means that a literally infallible measurement of the concentration of organic substances can be taken, or malignant cells can be located.

Another example of the outstanding achievements of Zeiss technology — what foreign manufacturer could economically produce electronic steering equipment for Zeiss for two giant telescopes to turn the reflector which weighs several tons so

that it follows the stars and catches the light of even the weakest and most distant star?

And so the problem of economics demands that scientists must get down to hard work, or to put it another way, the economic problems that arise in the face of constantly rising production costs per item place increasing emphasis on the business decisions taken by the Carl Zeiss Foundation factories, as the Chairman of the Board, Dr Gerhard Kühn has stressed.

Consistent with this is his statement that Zeiss will have to strengthen its scientific side still further, since the manufacturing programme is the best way of guaranteeing for Zeiss with its "monopoly of quality" as Dr Kühn calls it, the most profitable leeway between yield and costs.

The proportion of owner's capital resources plus pension reserves with the nature of owner's capital resources to the balance sheet total in the Carl Zeiss Foundation is more than sixty per cent compared with an average of forty-six per cent gross in joint stock companies.

This programme for manufacturing equipment for their own usage will be carried out at the expense of some consumer items that will have to be dropped, but not lenses for spectacles, on which Zeiss is concentrating.

Thus the developments in the amateur photography sector of the firm, Zeiss Ikon, and as Dr Kühn himself said, "the breakthrough into the technology of photography was very valuable in helping to streamline our manufacturing programme for scientific equipment."

But the first essential for the firm's policy is a similar streamlining of the scientific equipment sector in order to make this equipment more readily saleable to a wider market.

Departments at Zeiss must, Dr Kühn said, "be instilled with the idea that their products must earn money."

With a background of service to the sciences the Zeiss Foundation will in future be looking closely at all its development projects to see if they are likely to be profitable.

Winfried Minister
(STUTTGARTER ZEITUNG,
10 February 1971)

Federal Republic's smallest citizens are big business

will be before there are more dwarfs than people!

Already one household in ten has a gnome. According to estimates of Heissner, the largest manufacturer of gnomes in this country, there are already about six or seven million of them. Each year the factories produce over one million more. Heissner in Lauterbach, Hesse, produces about two thirds of the total. These range in size from seven centimetres to about a metre, which is the size of a child.

Apart from Heissner there are four other firms producing these popular ornaments. A number of them are exported to other countries where keen gardeners decorate their lawns with the gnomes, who are seen pushing wheelbarrows, wielding rakes and in short doing everything that real gardeners do. They are considered to be the epitome of German keenness, morality and *Gemütlichkeit*.

The best foreign markets for our gnomes are the Anglo-Saxon countries.

Heissner exports forty per cent of its gnomes. The average purchaser of a gnome owns his own home with a garden or tends an allotment. He is generally a member of the petty bourgeois middle classes.

Surveys and observations have shown that people are more prejudiced about garden dwarfs as their income brackets get higher and with better education, than if they have been brought up in what *Die Zeit* calls the "aesthetic kindergarten".

An Allensbach survey showed that only about nineteen per cent of those who have completed their *Abitur* want to know about garden dwarfs whereas 66 per cent of those with only *Volksschule* behind them are in favour of them.

The "epitome of kitsch" can be bought for little as 1 Mark 20 Pfennigs. Some of Heissner's biggest gnomes cost as much as one hundred Marks, however. Happy mediums such as twenty or thirty-Mark gnomes are the most popular.

Much of the production of the dwarfs is still done by hand. It takes about fourteen days to complete a porcelain dwarf and send it on its way to the allotments. Heissner employs 125 full-time workers of which fifty make their dwarfs at home.

Plastic gnomes can be made much quicker. They are machine finished and make up 65 per cent of Heissner's production.

Werner Benkhoff
(Händelsblatt, 23 February 1971)

Garden dwarfs to please father, to please son!
(Photo: Heissner KG)

■ AUTOMOBILES

Manufacturers concentrate more on car safety techniques

DIE ZEIT

Any number of motorists still believe they can ward off the impact of a head-on collision with a stationary obstacle with their arms and legs. They are much mistaken.

As a rule the arms can withstand fifty kiloponds, a kilopond being the amount of pressure a weight of one kilogramme exerts on its base, and a pair of legs can at best withstand 75 kiloponds.

Yet at a speed of forty kilometres an hour (25 mph) the force of impact on the upper part of the body can amount to anything between 100 and 3,000 kiloponds.

This force can only be offset by the sections of the vehicle in front of and behind the passenger compartment being able to absorb enough impact for the passenger cell to retain its shape.

As long ago as 1951 the well-known automobile designer Bela Barenyl patented something of this kind. He constructed a car body consisting of a rigid safety cell and front and rear ends that progressively deformed — concertinaed, that is.

With a combination of this kind the force of impact can, relatively speaking, be softened. There is no other way of dealing with the problem, as the following three examples show:

— All three car body zones are designed to absorb impact. As a result, the entire car is squashed together like a concertina on impact, seriously endangering the lives of the passengers.

— All three zones are designed to be rigid. As a result, there is little deformation of the car body but the force of impact is transmitted almost entirely to the passengers.

— The front and rear ends are designed to remain rigid and the interior to absorb the force of impact. As a result the front and rear ends are squashed together with dismal consequences for the passengers.

All major manufacturers are working on design improvements. Their main concern is to determine how short the deformation distance, the concertina zone, that is, can be without making the likely strain on the human body intolerable.

Importance assistance is being lent by the US National Aeronautics and Space Administration with its data on acceleration and braking of spacecraft. The motor industry uses trauma-inducing dummies, traumatology being the science of accident research, but many questions have yet to be answered.

The specifications laid down on 23 December 1970 for this country's safety car make definite demands on the designs to be submitted by domestic motor manufacturers in respect of the car body.

At a speed of eighty kilometres an hour (fifty mph) the driver and passengers of the car must sustain no serious injuries in a head-on collision with a stationary obstacle.

They must also survive without serious injury the car turning turtle and landing on its roof at speeds of up to 112 kilometres an hour (seventy mph).

Bearing in mind that at a speed of fifty kilometres an hour (thirty mph) the collision driver, even wearing a safety belt, is exposed to a force seventy times that of the Earth's speed, equivalent to about five tons, the technical problems that remain to be solved are obviously enormous.

The logical conclusion is that all small cars must cease production if these two spectacular demands are to be met. And what about front-wheel drive lorries and buses? They have no concertina zone at all.

Disregarding these difficulties there remain a number of problems to be solved: What about door locks, for instance?

There may be no statistics in this country as to the number of times passengers have been catapulted out of cars because the doors broke open but according to a recent report from the United States being catapulted out of the vehicle is the major cause of death in car accidents, accounting for 41 per cent of fatalities.

This too is a problem that motor manufacturers in this country have borne in mind for some years, though by no means all of them have drawn the appropriate conclusions.

It has, for instance, been demonstrated that standard tongue locks break open as soon as the car body is stretched by a centimetre to a centimetre and a half (half an inch or so).

All this needs is a side-on collision, as a result of which the driver or passengers sitting on the side in question are thrown against the door and out.

In this day and age only safety locks should be used, particularly locks that stop the jambs from being forced apart. The tap locks used by Daimler-Benz are an example of what can be done in this field.

The sides of car bodies are another weak point as far as most motor vehicles are concerned. To judge by the state cars often appear to be in after quite minor accidents you might think that some manufacturers only visualise bumper-to-bumper collisions.

Yet accidents resulting from the side of a car being rammed account for nearly twenty per cent of the total, which is a

not inconsiderable proportion.

A surprising number of them are fatal or serious, consisting for the most part of grave head and chest wounds. There is accordingly every justification for insisting that the doors of the safety car be reinforced.

What, for that matter, about the roof? Although the number of injuries sustained in connection with car roofs is frequently over-estimated the safety car will include concertina roof sections.

Even at astonishingly low speeds serious injuries can occur, particularly when parts of the body collide with rigid or protruding objects in the car interior.

When a car overturns there is not as a rule too much damage. It is generally battered at a number of points, no one of which has to bear the whole impact.

If the car first lands on its own roof, though, the people in it only stand a reasonable chance of surviving provided that the roof is soundly designed and driver and passengers are wearing safety belts.

Information should soon be forthcoming about how motor vehicle designers intend with this and other problems relating to car bodies.

At the end of this year a document based on the package book of safety specifications but paying special attention to bodywork is to be published.

Karl-Heinz Schmitz
(DIE ZEIT, 26 February 1971)



Telephone myste

The clear voice in the telephone conveys no impression of the complex path which the transmitted word followed. A number of calls are conducted simultaneously over the same line in order to make possible use of the expensive capacity. While this transmission has hitherto been solved in long networks by means of carrier techniques, the now well-known code modulation process (PCM) new possibilities, particularly in the of local networks. The use of this technique in the future could help remove the need to lay new lines. Siemens furnished the first experimental PCM trial route on behalf of the Bundespost 3 years ago. Further studies have now been commenced.

Available at nominal cost.

Presenting the Great Variety Show:

Pan Am's "Theatre-in-the-Air"

Music to your ears.

Before the movie, after the movie, instead of the movie — we have music for everyone. Channel after channel of it. All the way from classical to Broadway show tunes to blues numbers to...

Geronimo!

No, not cowboys and Indians, but a rock concert from Radio Geronimo in Monaco. Today's sounds — from beginning to end.

Rock-a-bye-bye, baby.

Just select "Music-to-sleep-by". It's our new special feature for people who'd like to go to sleep in the air but somehow just can't. This hour-long program was engineered by sleep experts to lull you off. Z-z-z-z-z-z-z-z-z-z.

Listening made easier.

Whether you listen to the movies or the music, we've got the most comfortable way going. Brand-new earphones that are so lightweight and so comfortable, you'll hardly know they're there.

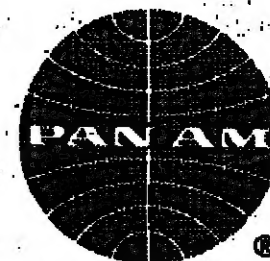
Later Plan. You'll see all the many things we're doing to make flying more fun and to give you more value for your money.

And that's not all.

Not by a long shot. Our "Theatre-in-the-Air" is just one of the many reasons to fly Pan Am. Pan Am has been flying for over forty years, and all along, we've been first in bringing new comforts and new conveniences.

Now Pan Am has other new ways to see that you get more out of your travels and your travel dollars. For instance, we'll help make your air and hotel reservations around the world with our computer system, PANAMAC. And we'll make them in next-to-no time. We'll arrange tours for you.

Fly Pan Am. Just call Pan Am or a Pan Am Travel Agent today. We'll make all the arrangements and you can pay with our convenient Pay



Something new from the world's most experienced airline.

Direct dialling between this country and Japan

The first official direct-dial long-distance telephone call between this country and Japan on 16 February began with a technical hitch. Georg Leber, Bonn's Minister of Transport, and Ambassador Franz Kraft in Tokyo failed to make contact.

Yet only ten minutes beforehand a dry run of the new link in the Ministry of Posts and Telecommunications had proved a success at the first attempt.

Subscriber trunk dialling between this country and overseas, first the United States, now Japan, has been introduced within the space of three years, during which time the Bundespost has made generations of progress in terms of international telecommunications.

As recently as 1968 all calls to and from Japan went through their laborious manual way via the United States. The connection was made via Frankfurt and Oakland, California.

The exchange in Oakland could only dial a limited number of Japanese numbers directly and often as not had to call on the assistance of Tokyo, not least because of language difficulties.

Calls to and from Japan were made

considerably easier, not to mention less expensive, on 1 April 1968, when a direct line from Frankfurt to Tokyo via Czechoslovakia and the Soviet Union was inaugurated.

Direct dialling does not travel this route, though. It was only made possible by the introduction of direct dialling between this country and the United States, which cost the Bundespost ten million Marks' worth of capital investment.

The mere provision of a sufficient number of lines is not enough. If there is to be direct subscriber dialling from country to country considerable sums of money must be invested in making the vastly different dialling and transmission techniques tally.

In Japan some 1,900 towns can be dialled directly, which is more than can be said for neighbouring France and Austria, let alone Italy or Spain, where only large towns can be dialled without the operator's assistance and even then only a limited number of vain attempts as a rule.

As a matter of principle only subscribers whose own numbers consist of

seven figures can dial the United States directly.

Technical differences are also the reason why, for the time being, subscribers in Frankfurt, Bonn and Munich can dial directly to Osaka. The ten million Marks the Bundespost always short of cash as it is, from the new link were only enough to up these three cities.

In view of the fact that Düsseldorf is such a thriving Japanese community, perhaps, rather surprising that Bonn and Munich came first.

Since inauguration of the direct link between Frankfurt and Tokyo the number of calls has risen startlingly. Before 1969 calls from country to Tokyo were few and far between; now there are 1,600 calls a month.

As for direct dialling, the Bundespost has once again lent a hand. Direct calls are routed by transatlantic cables to New York, overland to Oakland, and either via cable or by satellite to Japan.

Operators are not involved at any of the proceedings. A computer system which line to use and can switch mid-call for economy reasons. Only a limited number of lines, however, are an expensive business.

H. Joachim Eymann
(DIE ZEIT, 26 February 1971)

